

THE MEDUSA CLEAN UP KIT

Here are some bullet points for customers around filtering solvent over media. Carbon Chemistry can run technical questions through their system and if customers need more support, Carbon Chemistry also offers consulting services.

SOP

- Filter in the liquid phase over media.
- Use 50/50 Activated Alumina and 10A molesieve beads.
- Gas should touch the AA first, beads second.
 - Top fill, AA on top. Bottom fill AA on bottom.
- If you are using a 6" diameter spool, you would be looking at 6" of each media.

A 6"x12" media column can treat 1-200# of gas. Carbon Chemistry know that seems like a wide range, but that is the nature of the issue. Carbon Chemistry has found extractors with the same solvent, from the same suppliers may or may not have the issue. It seems like once people have it, they keep having it until they get serious about Distillation and Filtering their solvent. Extractors will need clean vessels to put their distilled and filtered gas into.

Extractors can look at this two ways, and Carbon Chemistry suggests that extractors go in aggressively with the Alumicel A and squash the issue. If it works for the extractor and is a stable solution, they can try to swap in the Activated Alumina to reduce cost. For price sensitive extractors, suggest starting with the Activated Alumina. That does work for MOST people. If that doesn't work, swap out Alumicel A for the Activated Alumina. Now that the Future Forum seems to know what the specific contaminant is, there is work being done on resin media that will target that specific compound. It is very exotic, very expensive.

The feedback Carbon Chemistry has gotten from actual customers is that this works like a charm. The Activated Alumina and 10A MSB is effective at least 80% of the time. Swapping out the Activated A for Alumicel A is about 90% effective. Carbon Chemistry is transparent about this with people. Carbon Chemistry views this solution as a band aid fix on the issue and Carbon Chemistry feels good about offering this solution to our customers.